

MORE SMILES PER TON OF STEEL

SUSTAINABILITY REPORT 2014-15



Content



MORE SMILES PER TON OF STEEL

Sustainability at JSW Steel is about creating as many positive impacts as possible in terms of economic, environmental and social aspects of the business in an integrated manner, ultimately contributing to more smiles per ton of steel manufactured



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"During the financial year ending March 2015, JSW Steel demonstrated dexterity with which we grew our business and ultimately created more smiles per ton of steel. This is a direct outcome of the "Will of Steel" - a credo that epitomises our approach".

From the Chairman's Desk

Maximising our Contribution to Nation Building

In JSW Steel, our growth story is synonymous with sustainable development. Our way of doing business has always been one of innovation in the face of challenges, yet with minimal negative impacts on nature or people. For a decade and half our journey has brought us from a 0.8 million tonne plant to becoming India's largest private integrated iron and steel manufacturer today. We will continue on this path, and keep contributing to the growth of other stakeholders with a focus on value-addition. We have increased efforts on governance, ethics, transparency and accountability.

This is the 11th year of our sustainability disclosure, and we continue to underpin our efforts to the guidelines of the Global Reporting Initiative.

I am happy to report that during the financial year ending March 2015, we demonstrated dexterity with which we grew our business and ultimately

created more smiles per ton of steel. This is a direct outcome of the "Will of Steel" - a credo that epitomises our approach. Despite a dip in realisation owing to a surge in imports and dumping, we delivered robustly and increased our profitability while being resilient. Investing in downturns and reaping the benefits in the upswing has been our consistent strategy over the past decade and half. Accordingly, during this reporting period, we have added capabilities in auto and electrical grade steels.

In the last two years the Government of India has announced a series of policy initiatives recognising the importance of manufacturing to foster national development. Arguably the most visible of these is "Make - in - India", intended to facilitate investment, foster innovation, enhance skill levels, create jobs, and build best-in-class manufacturing capability. The steel sector has the crucial and dual roles of an investor as well as a beneficiary of this theme. It fits aptly with the "Vision 300 million tonnes" by the year 2025 of the Government of India. JSW Steel is well-positioned to be a lead player in realising this vision. With its aim of

consolidating its numero uno position, it envisions creating additional capacity by 2025. This expansion is to be achieved despite challenges in access to natural resources like land, water, iron ore and coal. Mindful of these challenges we have strategies in place to address them; technology and making the value chain more efficient are the two main levers for this.

At JSW Steel, we constantly strive to improve our operational efficiency. Consequently, we have been able to enhance yield and reduce our overall environmental footprint. With the help of the new cold rolling mill we have been able to

"With the help of the new cold rolling mill we have been able to enrich our product mix by focussing on value-added and special steel products. The new products are designed to contribute to resource efficiencies in the value chain".

enrich our product mix by focussing on value-added and special steel products. The new products are designed to contribute to resource efficiencies in the value chain.

We take the utmost care to ensure our operations do not lead to diminishing the natural capital.

Our plants are among the most energy-efficient, water-efficient and least polluting. Our endeavour to be a resource steward has resulted in many achievements in the reporting period. Among these are decrease in water intensity of our operations, increase in water recycling, utilisation of waste gas at nearly 99%, reduction in specific iron ore consumption, recycling of steel scrap, contributing to the re-charge of ground water, and planting of nearly 2 million trees - cumulatively - leading to the creation of significant green cover. We are among the first corporates in India to sign up to the Indian Business & Biodiversity Initiative, under which we have taken several steps across our locations to enhance the local flora and fauna.

It is our responsibility to provide the workforce, including employees of associates and contractors working on-site, with a safe and healthy working environment. Our goal of "zero harm" is manifested in the various interventions we

implement to ensure safety in the work place. We invested significant resources in imparting training on safety; this has paid us rich dividends by significantly reducing the Lost Time Injury Rate over the previous fiscal.

We aim to be an employer of choice, which can be achieved by inspiring our workforce as well as enabling them to develop professionally. We foster a work culture that is growth-focussed and performance-driven. We ensure an encouraging and bias-free workplace through our policies and practices encompassing human rights, ethics and transparency.

It is our firm belief that the ability to develop and deliver consistently is possible solely through innovation and partnerships, along the value chain with our suppliers, contractors and customers, in order to co-create and deliver to continuously changing market requirements. This is critical in helping us future-proofing our business.

Our work towards the empowerment of our neighbouring communities has gained more focus and drive, with greater commitment to deliver better results. We have become more impact-oriented and ensure that we achieve the desired outcomes. Our investment into the communities has increased by 61% compared to the previous financial year.

As we strive to consolidate our leading position, I must acknowledge the immense contribution of the entire JSW family who push themselves, rise above challenges, and leave no stone unturned to for us grow sustainably and improve the lives of our communities. I am also grateful to all our stakeholders, including shareholders, customers, suppliers, and contractors / vendors, for their trust, co-operation and support in building this value generating enterprise.

I look forward to your continued support in our endeavour towards nation building.

Sajjan Jindal
Chairman & Managing Director
JSW Steel Limited



Setting the Context

This report presents the company's economic, environmental and social performance for the period 01- April-2014 to 31-March-2015 (financial year 2014-15). The report has been developed in line with the requirements of Global Reporting Initiative's G3.1 Guidelines for Sustainability Reporting.

The nine principles of the National Voluntary Guidelines on Social, Environmental and Economic Responsibilities of Business have been mapped to the relevant sections in this report. Additionally, this report also aligns itself to the requirements of the Clause 55 of the Listing Agreement of the Securities and Exchange Board of India (SEBI) to publish an

annual Business Responsibility Report. The detailed disclosure as per the Clause 55 requirements can be found on the Company website along with the Company's Annual Report for the financial year 2014-15.

This report also serves as a communication to the Company's stakeholders on its progress on the 10 principles of United Nations Global Compact. It continues to work with the World Steel Association as a signatory to its sustainability charter. The Company has aligned its sustainability performance to the Key Performance Indicators (KPIs) specified by the World Steel Association.

Highlights

12.63 MnT
Crude Steel Production

INR 2, 166 Cr
Net Profit

^4%

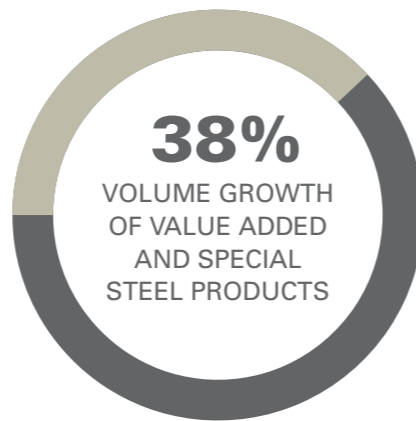
^62%

INR 8,872 Cr
Operating EBITDA

INR 45,352 Cr
Net Turnover

^1%

^2%



Products & Markets

<p>Value for money products targeted to semi-urban and rural India.</p> <p>Galvanised AL/ZN coated corrugate sheets</p>	<p>Premium quality products for customers who admire quality</p> <p>Pre-painted galvanised and AL/ZN coated corrugate sheets</p>
<p>Innovative and Economical product for rural India</p> <p>Pre-painted AL/2N profile sheets</p>	<p>Best in class product, used in various prestigious projects across the spectrum</p> <p>TMT Bars</p>

Market Segment Being Served

- Oil & Petro Chemicals
- Projects & Construction
- General & Heavy Engineering
- Machinery
- LPG Cylinders
- Cold Rolling & Galvanising
- Automobile
- Boiler & Pressure Vessels
- Ship Building
- Railways
- Transmission Towers
- Pipes & Tubes

- Projects & Construction
- General Engineering
- Automobile - for special alloy longs

Cold Rolled (CR)

- Automobile
- White Good
- Machinery
- Pipes and Tubes
- General Engineering & fabrication
- Packaging
- Drums / Barrels
- Furniture

Hot Rolled (HR)

- General Engineering
- Consumer Durable/ White Goods
- Furniture
- Automobile
- Machinery
- Projects & Construction

Galvanised/ Galvalume

- Roof, Wall Cladding & other building products
- Household Appliances
- Furniture
- Automobiles

Pre-Painted Galvanised (PPG)

Long Products (TMT Wire Rod)



Operations and Products

JSW Steel Coated Products Limited

Vasind, Tarapur, Kalmeshwar

Products:

Galvanised & Colour Coated products

Highlights:

- 0.21 MTPA cold rolling mill commissioned
- Exports up by 0.15 MnT (i.e 20%).

JSW Steel Limited

Dolvi

Products:

Hot Rolled Coils HRC

Highlights:

- Cold rolling mill with 0.21 MTPA capacity was commissioned at Kalmeshwar
- Exports increased by 0.15 MnT over the previous year, witnessing a 20% growth.

JSW Amba River Coke Limited

Dolvi

Highlights:

- ARCL has set up a 1 MTPA Coke Oven Plant and a 4 MTPA pellet plant in June 2014 and September 2014, respectively. The coke and pellets produced are being supplied to Dolvi unit. The profit after tax for FY 2014-15 is ₹ 119.48 crores.

JSW Steel Limited

Vijayanagar

Products:

Slabs, Billets, Blooms, HR Coils and Sheets, Cold Rolled Close Annealed (CRCA) Coils and Sheets, Galvanised products, Wire Rods, Bar Rods and Angles

Highlights:

- Produced 9.7 MnT of hot metal, an increase of 7.2%
- Small sinter usage in BF4 and reduction in sinter fines generation
- 'Amanoscope' successfully commissioned in BF4 for better monitoring of material distribution

JSW Steel Processing Centres Limited

Vijayanagar

Products:

Steel Services

Highlights:

- Growth in output 12% and profits 53%

JSW Steel Limited

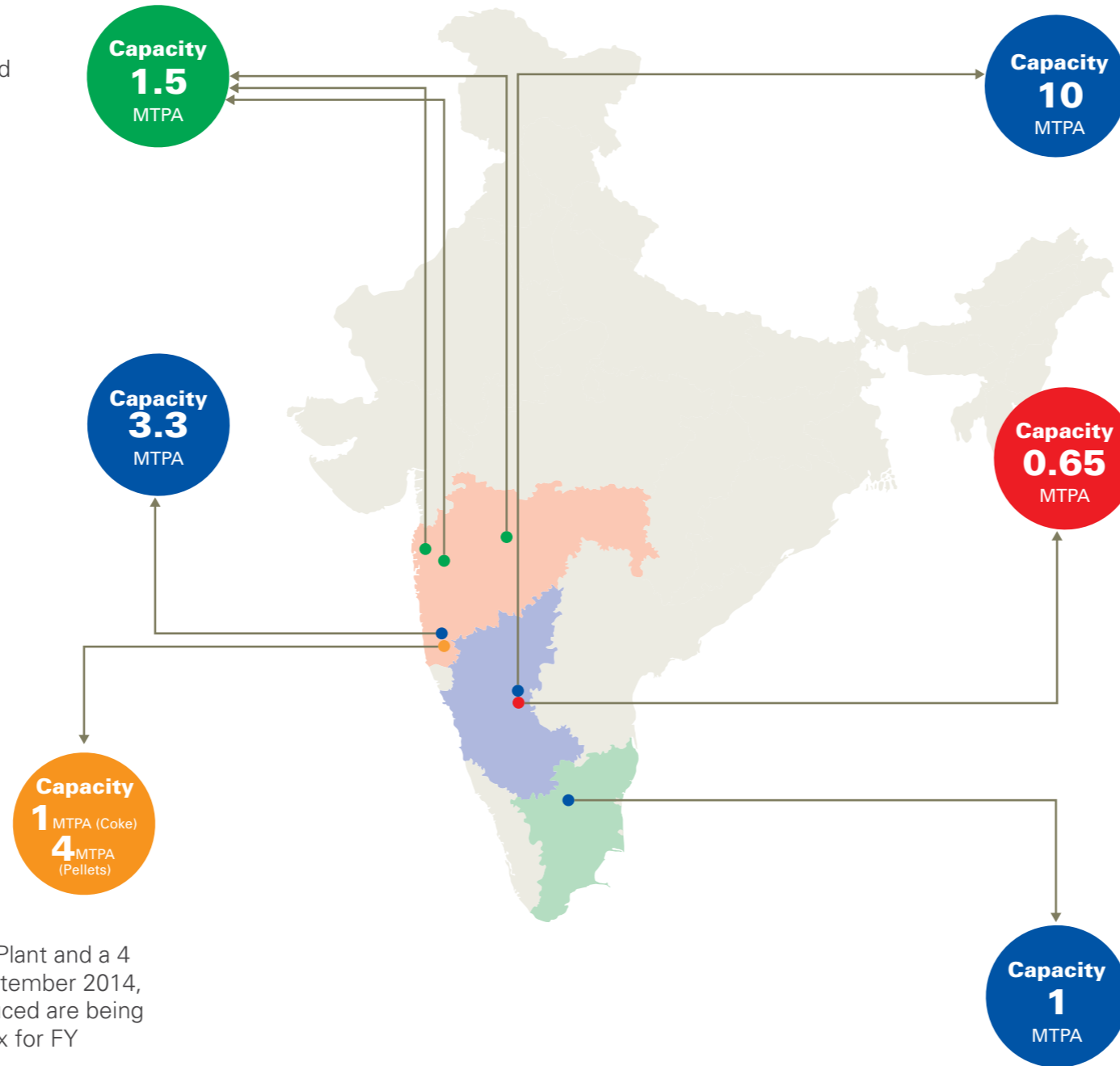
Salem

Products:

Special Steel long products

Highlights:

- The cast production grew by 6% over the previous year.
- Rolled product production increased by 22% compared to FY 2013-14.



STATES

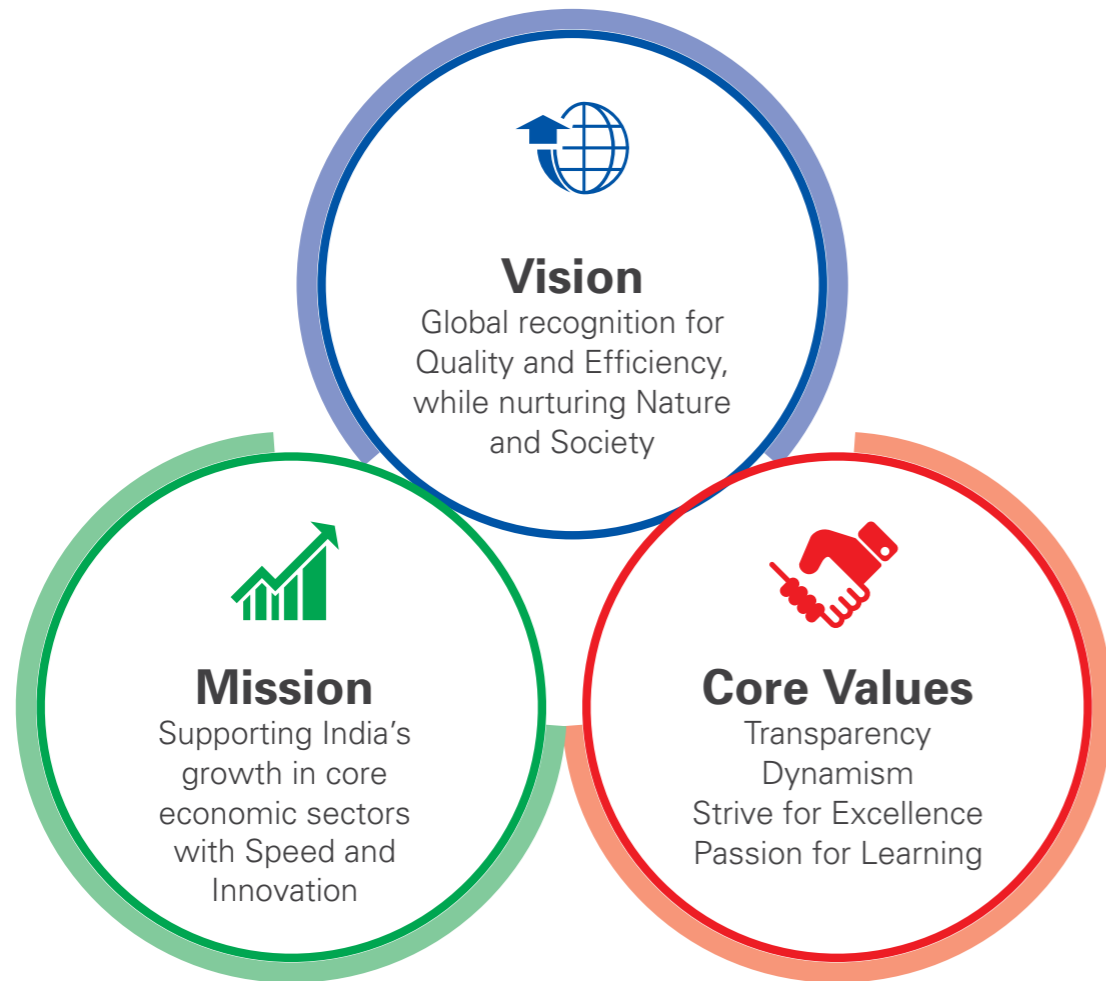
- Maharashtra
- Tamil Nadu
- Karnataka

PLANTS

- JSWSL (Dolvi, Vijayanagar, Salem)
- JSWSPCL (Vijayanagar)
- JSWSCPL (Vasind, Tarapur, Kalmeshwar)
- ARCL (Dolvi)



Vision, Mission and Values



Strategic Focus Areas



Strategic Focus

Sustainability Policy

JSW Steel Limited ("JSW") believes in creating sustainable growth while balancing utilization of natural resources and social development in its business decisions.

It also believes in pursuing its business objectives ethically, transparently and with accountability to its stakeholders across the value chain.

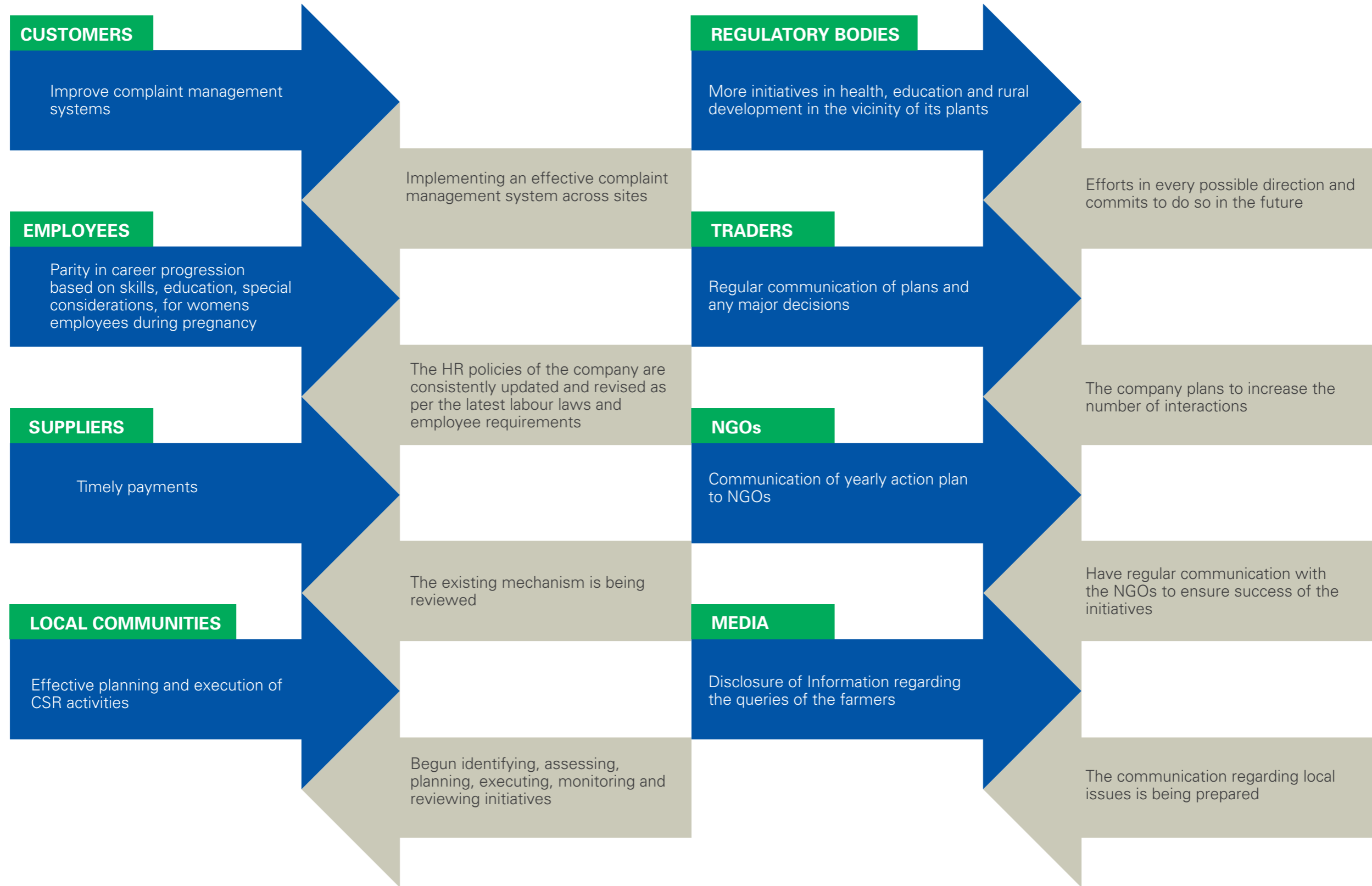
JSW is committed to promote integrated responsible behaviour and value for social and environmental well-being.

JSW's commitment to do business responsibly is built into the core values of the Company to conduct every aspect of business responsibly and sustainably. It relies on:

- A dynamic leadership
- Adherences to core values
- A well-articulated Enterprise Risk Management framework.
- Practices that seek to sustain and enhance the long term competitive advantage of JSW with care for the society and environment.



Engaging For Growth



■ Stakeholders
 ➔ Key Interests
 ➔ Business Response



Key Initiatives

Vijayanagar



Commissioned

- Continuous Annealing Lines of 0.95 MTPA, part of the Cold Rolling Mill Complex.

Under Implementation

- Reconstructing Blast Furnace from 0.9 MTPA to 1.9 MTPA and the 0.2 MTPA Electrical Steel Project at Cold Rolling Mill
- Expanding the capacity of Electrical Steel Complex
- Commissioning the Steel Melting Shop comprising the Electric Arc Furnace along with Billet Caster of capacity 1.5 MTPA

Dolvi



Commissioned

- Modification of Sponge Iron Plant for partial replacement of natural gas usage
- Modification of tunnel furnace to replace natural gas with surplus COG

Under Implementation

- Installation of long new water pipeline
- Expansion of Sinter plant, Billet Caster, 1.4 MTPA Bar Mill, Roll Grinding Machine, Blast Furnace capacity enhancement and de-bottlenecking of SMS and HSM

Salem



Commissioned

- Blast Furnace and Ladle Reheating Furnace de-dusting system
- Waste heat recovery systems
- Billet grinding machine

Under Implementation

- Expansion project of Blast Furnace capacity augmentation from 0.616 MTPA



Message from Joint Managing Director

Integrity Guides our Value Creation

The most significant constant at JSW Steel has been accelerated growth, catalysed by passion, to contribute to nation building on the bedrock of JSW's core values, ethics and integrity. JSW Steel has always been at the forefront, bringing innovative products to the market that address present requirements as well as take cognisance of potential transformations. To stay ahead of the curve at all times we have strategic collaborations with global leaders like Praxair Inc., Severfield Rowen Plc., Marubeni-Itochu and JFE. Together, we aim to bring India into a new technologically advanced era.

Innovation is made possible at JSW by taking calibrated risks e.g., introduced Corex technology to India a decade ago and efficiently utilised low-grade coal, thereby reducing a million tonnes of GHG emissions per annum. Today, the Company is the domestic leader in galvanised steel production and a frontrunner in the special steel portfolio. Our range of products spans practically

every market segment across the globe. Sustainability is a vital part of all our practices. We have set high standards for our governance and corporate citizenship initiatives. At JSW, good governance is the bedrock for reinforcing stakeholder trust, balancing value and building sustainable business. At the heart of the Company's corporate governance is the ideology of transparency and openness in the working of the Board and the management team. Our Board ensures the Company complies with all regulatory requirements, acts with integrity, addresses stakeholder expectations, and is overall, a responsible corporate citizen. Accordingly, the Board has constituted committees to oversee stakeholder engagement, sustainability reporting and implementation of code of conduct, in addition to the statutory committees. Our Board membership conforms to various good practices of governance; it has a significant number of Independent Directors as also a woman Director.

Our core values steer our conduct. We explicitly articulate the standards of conduct we expect from our Directors, officers and employees, as well as anyone who acts on our behalf of, or are an important part of our value chain. The Code requires Directors and senior executives to uphold the interest of the Company and its stakeholders, endeavour to fulfil all the obligations towards them, and act in accordance with the highest standards of honesty, fairness, ethical conduct and integrity. We provide guidance on what constitutes ethical and honest conduct, and build capacity amongst employees to follow the same. We strongly discourage unethical and corrupt means of influencing public policy. Being members of apex national and international business and industry bodies, all our policy interventions are strictly carried out through such platforms.

Further, our Whistle-blower Policy helps us detect and avoid violation of the Company's Code of Conduct or any unethical or improper activity. A grievance redressal mechanism is in place covering all internal and external stakeholders. These mechanisms build and reinforce stakeholder trust in JSW.

Our Board is regularly updated on the possible risks across the value chain; managing these alone can ensure sustained creation of shareholder value. As part of our comprehensive approach to risk management, we consider any uncertainties that may affect our business and our stakeholders, including resource scarcity, climate change, demographic dividend, etc. We also try to identify any latent opportunity in these risks, and explore ways to turn them to our advantage.

Ensuring compliance in letter and spirit is a given. Proactively exceeding compliance in as many ways as practical is a key focus area and the leadership team is responsible to the Board for the same. We maintain a tracking system for all applicable laws and assign the appropriate person for all requisite actions. This covers all our operations, processes and products. In addition, certified management systems ensure we review, comply with legal requirements, and ensure continual improvement, covering various aspects of sustainability.

On human rights, we are aligned with the Universal Declaration of Human Rights and the International Labour Organisation Conventions and standards, and support the UN Guiding Principles on Business and Human Rights. It includes commitments to our workforce, local communities and business partners, and covers occupational health & safety, labour rights, and the rights of communities.

The Board of Directors is ultimately responsible for our sustainable business performance and strategic direction, and reviews our performance quarterly. The Board delegates the operational aspects of corporate sustainability to the Chief

"JSW Steel has always been at the forefront, bringing innovative products to the market that address present requirements as well as take cognisance of potential transformations".

Sustainability Officer and his team. A Business Responsibility / Sustainability Reporting Committee consisting of Executive and Independent Directors provide the oversight. We link a component of the variable pay of the senior executives to the safety performance, and extend this instrument to cover other strategic focus areas of sustainability. Sustainability teams exist at the locations, and are responsible to implement and achieve the sustainability-oriented targets. JSW Steel has initiated quarterly third party assurance of this performance at all locations.

Our financial performance, despite the challenging operating environment, underpins the importance of strategic direction provided by the Board and dynamic management team. We delivered robustly despite the surge in imports by way of dumping. Such results were possible due to nimble re-calibration and a resilient marketing strategy. Our sustained financial performance, governance processes, and our commitment to transparency, integrity and ethics, keeps our investors and shareholders delighted.

We will continue to improve upon our governance practices, strengthen our strategic stakeholder engagement, and improve the effectiveness of the various policies in place to ensure stakeholder grievances are minimised. We will continue to create and share value, and delight all our stakeholders.

Our passion to keep raising the bar propels us towards new heights. Our code of conduct in conjunction with our **Policies on Business Conduct, Stakeholder Engagement, Human Rights, Public Regulatory Policy; and Grievance Redressal and Whistle Blower Mechanisms**, steer us in conducting our business with integrity and ethics.

Seshagiri Rao MVS



Governance

The board and some of its Committees

Name	Nature of Membership	Business Responsibility & Sustainability Reporting Committee	CSR Committee	Code of Conduct Implementation Committee	Stakeholder Relationship Committee
Mr. Sajjan Jindal	Chairman & Managing Director				
Mr. Seshagiri Rao MVS	Executive Director				
Dr. Vinod Nowal	Executive Director				
Mr. Jayant Acharya	Executive Director				
Mr. Uday M. Chitale	Independent Director				
Dr. S. K. Gupta	Independent Director				
Dr. Vijay Kelkar	Independent Director				
Mr. Sudipto Sarkar	Independent Director				
Mr. K. Vijayaraghavan	Independent Director				
Dr. (Mrs.) PunitaKumar Sinha	Independent Director				



Chairman



Member



Board provides oversight to sustainability

Committees of the Board	Salient Elements of Terms of Reference
Code of Conduct Implementation	<ul style="list-style-type: none"> The Committee is constituted for the implementation of SEBI (Prohibition of Insider Trading) Regulations, 1992 as amended from time to time. Implementation of 'JSW Steel Code of Conduct for Prohibition of Insider Trading' as amended / revised from time to time.
Business Responsibility & Sustainability Reporting Committee	<ul style="list-style-type: none"> Responsible for the adoption of 'National Voluntary Guide lines on Social, Environmental and Economic Responsibilities of Business' (NVGs) in business practices of JSW Steel. Responsible for the policies and review the progress of initiatives under the purview of business responsibility (sustainability) policies mentioned above. Review the annual business responsibility report and present it to the Board for approval.
Stakeholder Relationship	<ul style="list-style-type: none"> To review the reports submitted by the Registrars and Share Transfer Agents of the Company at Half yearly intervals. To interact periodically with the Registrars and Share Transfer Agents to ascertain and look into the quality of the Company's Shareholders/ Investors grievance redressal system and to review the report on the functioning of the said Investor grievances redressal system. To periodically report to the Board about serious concerns if any. To consider and resolve the grievances of the security holders of the company.
Corporate Social Responsibility	<ul style="list-style-type: none"> To formulate and recommend to the Board, a Corporate Social Responsibility Policy To recommend the amount of expenditure to be incurred on each of the activities to be undertaken by the Company To approve the Annual Report on CSR activities to be included in the Director's Report To monitor the CSR policy of the Company from time to time; and To institute a transparent monitoring mechanism for implementation of the CSR Projects or programs or activities under taken by the Company.

Compliance

The Company has a proper and adequate system of internal control commensurate with the size and nature of its business. Internal control systems are integral of JSW Steel's corporate governance.

Proactively identifying and meeting all applicable regulatory requirements and commitments, to achieve compliance, in letter and spirit, is a key focus area and leadership team is responsible to the board, for the same. In addition, JSW Steel ensures complete compliance with standards and internal procedures and systems. The company maintain a

tracking system - a register of all applicable laws and assign the person responsible along with actions that's required to be taken. This covers all our operations, activities, goods and services. In addition, third party certified management systems ensure compliance.

Periodical Management audit ensures that the Company's Subsidiaries conducts its business with high standards of legal, statutory and regulatory compliances. As per the report of the Management Auditors, there has been no material non-compliance with the applicable statutory requirements by the Company and its subsidiaries. Also, in the reporting period there have been no fines or sanctions imposed on JSW Steel for non-compliance with laws and regulations.

Human Rights

In line with JSW Steel's legacy as a responsible corporate citizen and its commitment to respecting the economic, social, cultural, political and civil rights of individuals involved in and impacted by its operations, the Board of Directors has approved a Formal Human Rights Policy for adoption by the Company and all its Subsidiaries as part of its global personnel policies, in line with the practice followed internationally by Companies of Repute. JSW Steel's policy on human rights applies to all its businesses processes and is part of its commitment to ethical and socially responsible behavior across its value chain.

JSW Steel contributes to the fulfillment of human rights through compliance with local human rights legislation wherever it has operations, as well as through its policies, programs and grievance redressal mechanism. JSW Steel upholds international human

rights standards, does not condone human rights abuses and creates & nurtures a working environment where human rights are respected without prejudice.

JSW Steel's human rights policy is complemented by other specific policies such as health & safety, environment, anti-corruption etc. It articulates stand on human rights including non-discrimination, prohibition of child and enforced labour, and freedom of association and the right to engage in collective bargaining. Security agency's officers are trained to act in a manner that respects human rights at all times, and comply with all the applicable national, state and local laws.

During the reporting period, no violations or departures were observed.

JSW Way of doing business - Ethics, Transparency and Accountability

JSW Steel lives by its core values of transparency, strive for excellence, dynamism and passion for learning. These are reflected in the innovative approach adopted by the company without compromising on integrity. The Company adheres to all applicable laws and regulations, and this effort is strengthened by internal guidelines that include the Business Conduct Guidelines and Supplier Code of Conduct, covering aspects of ethics, transparency and business accountability for all employees as well as the value chain.

The code of conduct requires every employee:

- To uphold interest of the Company and its stakeholders.
- To act in accordance with the highest standard of honesty, integrity, fairness and ethical conduct and exercise utmost good faith, due care and integrity in performing their duties.
- Comply with all appliance legal requirements, rules and regulations as per law of the land.
- Comply with all applicable policies, rules and regulations adopted by the company

The Company has a stakeholder grievance redressal mechanism in place to help address complaints related to adherence to code of conduct and sustainability Policies. In FY 2014-15, two complaints were received through the Grievance Redressal Mechanism and these were resolved.

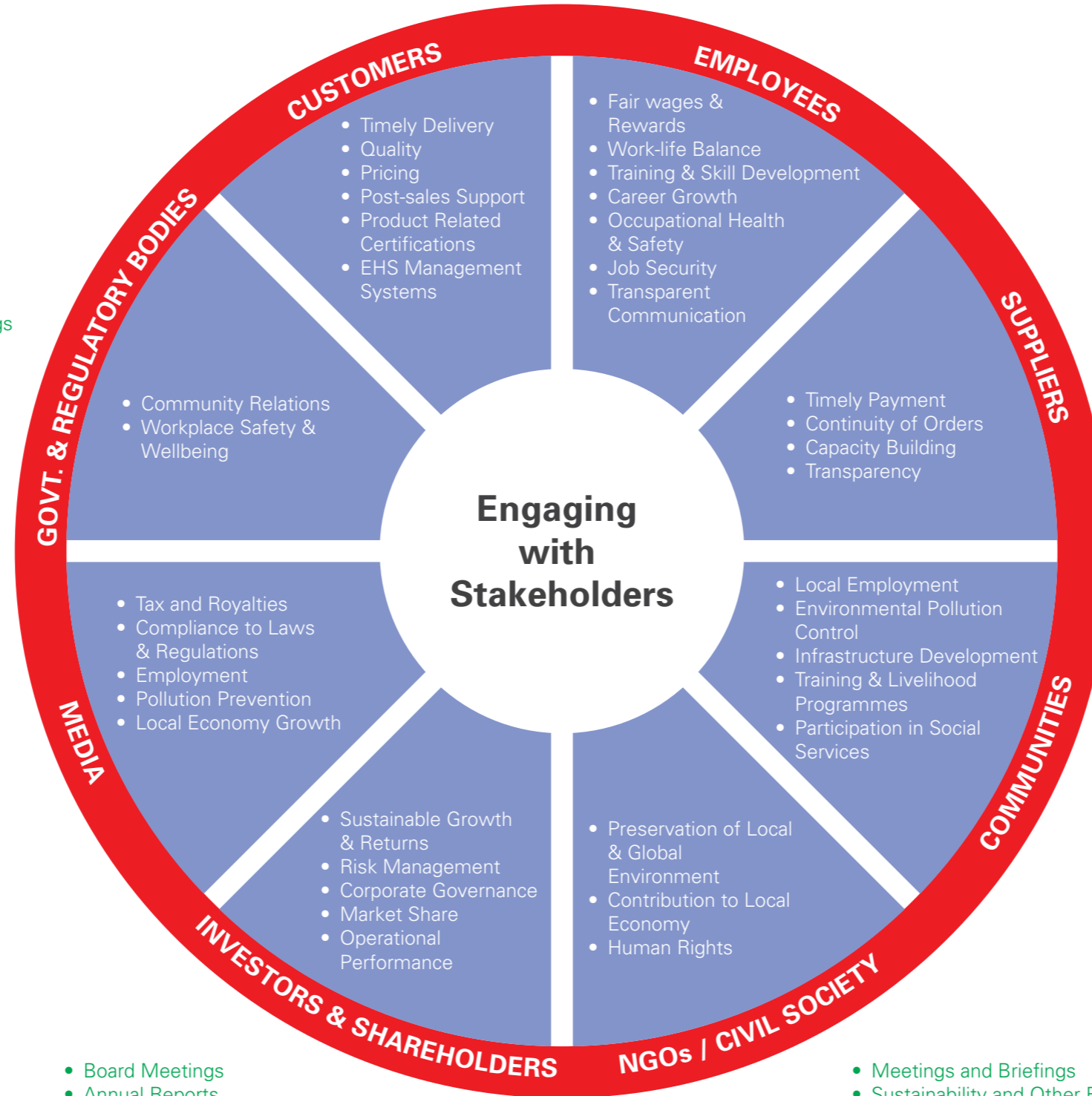


Collaborating To Create Mutual Trust

- Stakeholder Group
- Concerns / Areas of Interest
- Engagement Platform

- Customer Feedback
- Customer Satisfaction Survey
- Phone calls, Emails and Meetings
- Signed Contracts
- Exhibitions, Events
- Customer Visits
- Websites

- Emails and Meetings
- Intranet Portals
- Employee Satisfaction Surveys
- Training Programmes
- Performance Appraisal
- Grievance Redressal Mechanisms



- Customer Feedback
- Customer Satisfaction Survey
- Phone calls, Emails and Meetings
- Signed Contracts
- Exhibitions, Events
- Customer Visits
- Websites

- Emails and Meetings
- Vendor Assessment & Review
- Supplier Audits
- Signed Contracts
- Training Workshops and Seminars
- Social Gatherings

- Annual Reports
- Communication with Regulatory Bodies
- Formal Dialogues

- Training & Workshops
- Regular Meetings
- Need Assessment
- Satisfaction Surveys
- CSR Reports

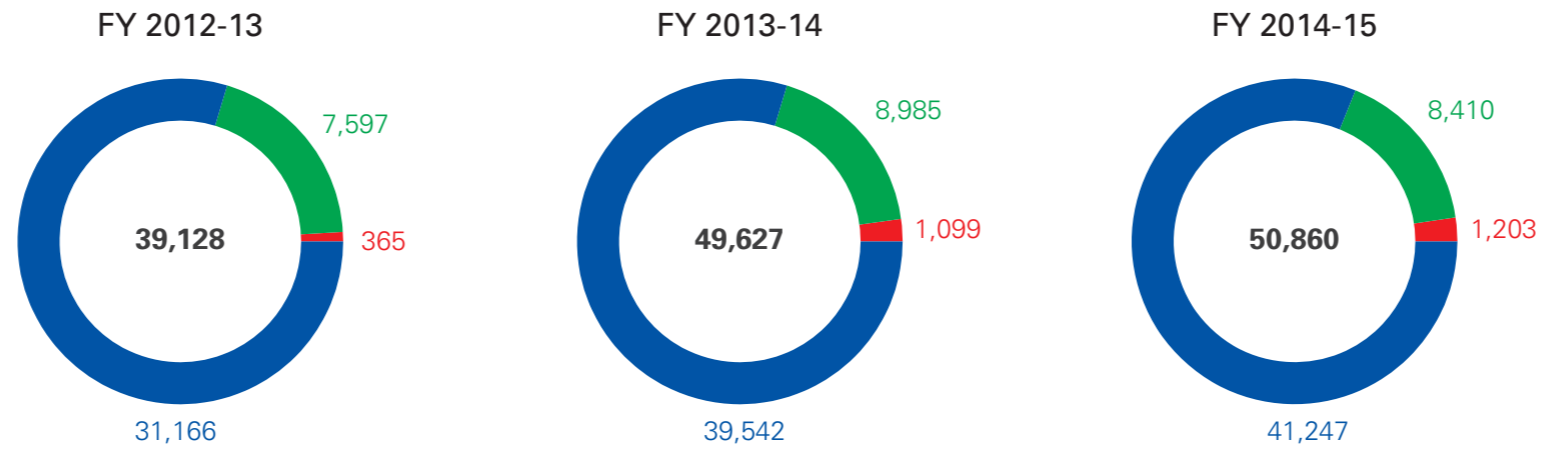
- Board Meetings
- Annual Reports
- Website

- Meetings and Briefings
- Sustainability and Other Reports
- Partnerships in Community Development projects



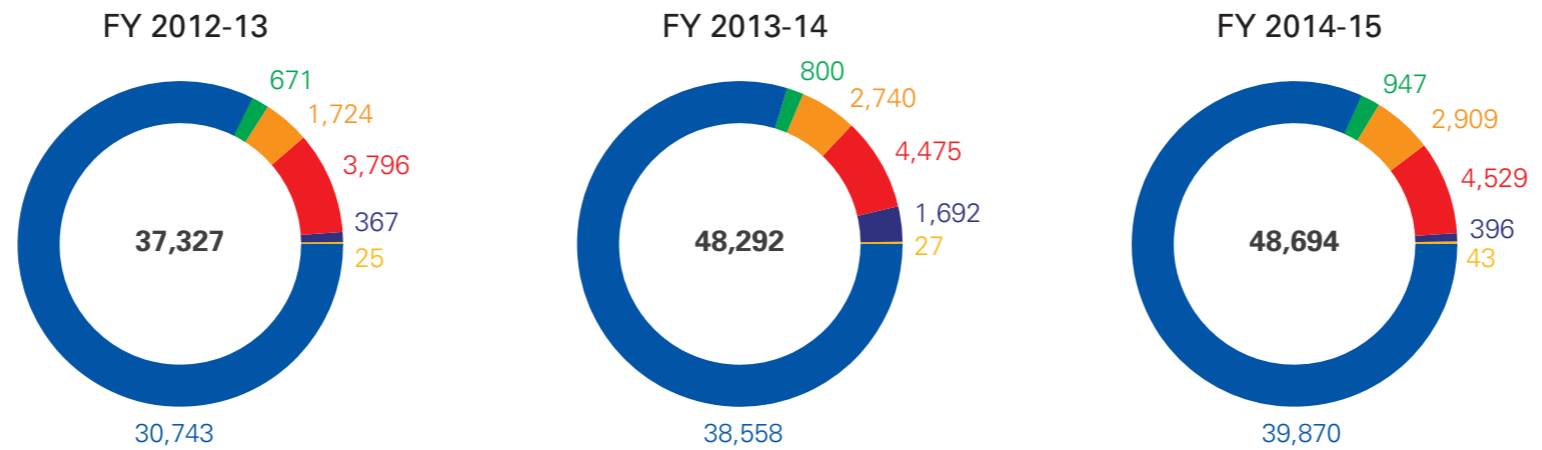
Economic Performance

A
Total Economic Value Generated
(All figures in Rupees crores)



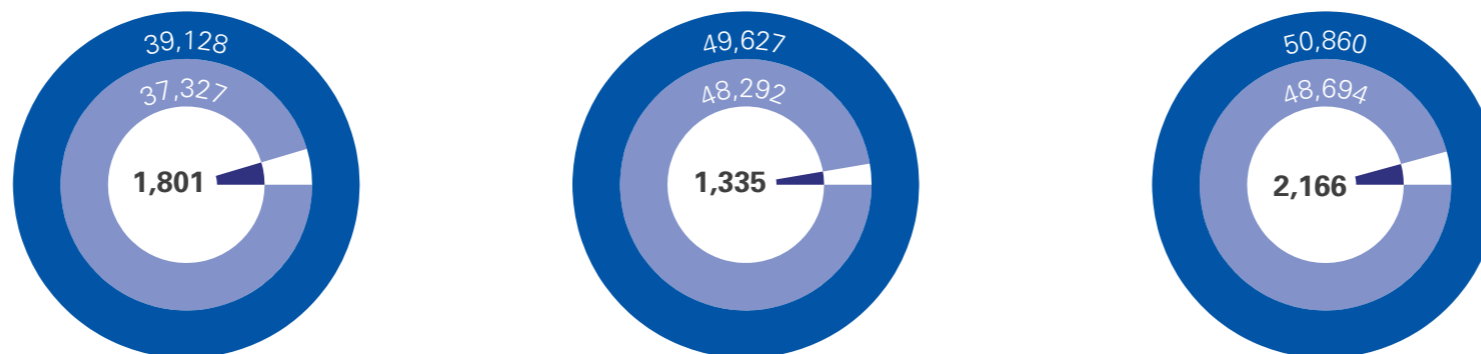
- Domestic Turnover
- Export Turnover
- Other Income

B
Total Economic Value Distributed
(All figures in Rupees crores)



- Operating cost
- Employee wages and benefits
- Payments to providers of capital
- Payments to Governments
- Exchange Loss
- CSR initiatives

A-B
Total Economic Value Retained
(All figures in Rupees crores)



- Total Economic Value Generated
- Total Economic Value Distributed
- Total Economic Value Retained



Message from Deputy Managing Director

Clean and Safe World-class Manufacturing

Our vision is “Global recognition for quality and efficiency while nurturing nature and society”. We are on an accelerated growth path - expanding capacities, building new manufacturing facilities, and acquisitions. Such diversified growth poses challenges in deploying common standards of operational excellence that are clean and safe. To complement this growth, we have taken up the challenge to decouple growth and its impact on the environment and resources. JSW Steel has taken several steps to achieve this. First, we have articulated our policies on quality, environment, occupational health & safety, and several other key subjects. Second, we deployed our policies through certified management systems and processes based on Six Sigma, TPM and TQM. Third, our continual improvement efforts are supplemented by project-level innovations and interventions, to improve our resource stewardship and overall performance.

“JSW Steel’s continual improvement efforts are supplemented by project-level innovations and interventions, to improve the resource stewardship and overall performance”.

I must mention safety receives extra attention through a place in the KPI’s of the senior site management persons. We believe that sensitisation, awareness and training critically reinforce our safety systems and processes. Our focus on monitoring and periodic audits supplements our efforts on safety and tracking of deviations. The consequent results speak for themselves. We imparted 140,000 hours of safety training to our own workers as well contractor workers. This was supplemented by our systemic and behaviour-based interventions, resulting in 44% decrease in Lost Time Injury Frequency Rate. Overall, our score on this parameter is significantly better than the industry average.

JSW Steel is constantly upgrading and adopting advanced technologies to maintain or lower the energy intensity. The Company is well aware of the global concern on climate change and carbon-intensive growth, and is therefore putting greater emphasis on responding to varied needs and expectations of the stakeholders. In keeping with the commitment of the Government of India, we take up targets to decrease the carbon intensity of our growth. We realize that this is a challenge and would require a multi-pronged, innovation-led approach coupled with all-round efforts. Despite the growth, the various constraints and challenges, a market slowdown, we have succeeded in keeping the GHG intensity flat during this reporting period. Overall, GHG mitigation projects contributed to lowering of CO₂e by 258,478 tonnes. Our new product development efforts are aimed at decreasing carbon emissions in the overall value chain.

The Company is monitoring the use of its water resources and quality of effluent discharged. It is our endeavour to trap pollutants at source, monitor the operation of pollution control equipment, and continually improve the treatment such that discharges are significantly within regulatory limits. We have decreased water intensity of our operations from 4.89 m³ / ton of steel in 2013-14 to 4.57 m³ / ton of steel in 2014-15, and 18% of the water used

was from a recycled source. We are aware water is scarce, and competes with many other uses in the surrounding regions. To alleviate this risk we undertook initiatives under natural resource management for watershed development, covering about 8,000 hectares of land. Further, our resource stewardship efforts resulted in 2.5% improvement in the use of iron ore and use of iron scrap to the extent of 0.85 million tonnes.

In FY 2014-15, JSW Steel put in significant efforts to ensure a positive impact on its surrounding flora and fauna and local ecosystems. The Company was among the pioneers to sign up and commit to the Indian Business and Biodiversity Initiative (IBBI), an initiative by the Confederation of Indian Industry (CII) in partnership with India’s Ministry of

Environment, Forests & Climate Change. This has helped us not only to learn from peers about their efforts to manage biological diversity at their locations, but also to demonstrate to stakeholders the company’s commitment and efforts towards a sustainable future.

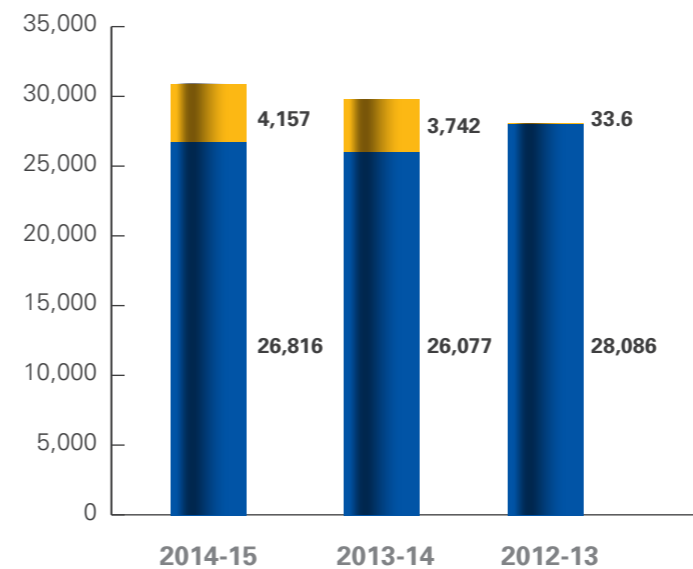
Our **Policies on Sustainable Steel Production, Conservation and Preservation of Environment** in conjunction with policies of our manufacturing units covering Environment, Occupational Health & Safety, etc. galvanise us to achieve clean and safe, world class manufacturing.

Dr. Vinod Nowal

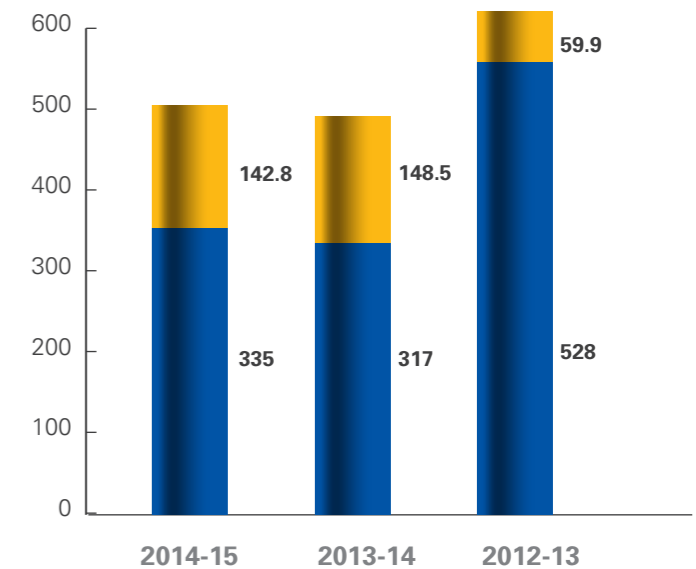
Resource Stewardship

GHG Mitigation

JSW SL Total GHG Emission



JSW SCPL Total GHG Emission

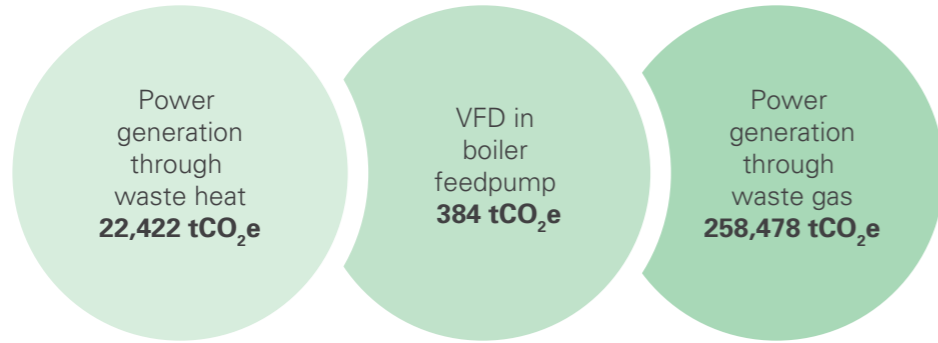


JSW SPCL & ARCL indirect emissions are **3.93 and 157.7 (000 tCO₂e)**, respectively.

- Direct Emissions (000 tCO₂e)
- Indirect Emissions (000 tCO₂e)

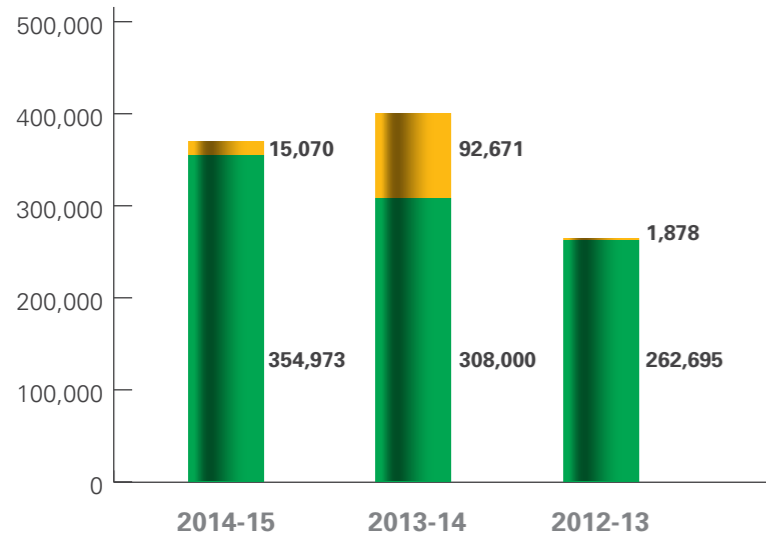


Initiatives To Mitigate GHGs

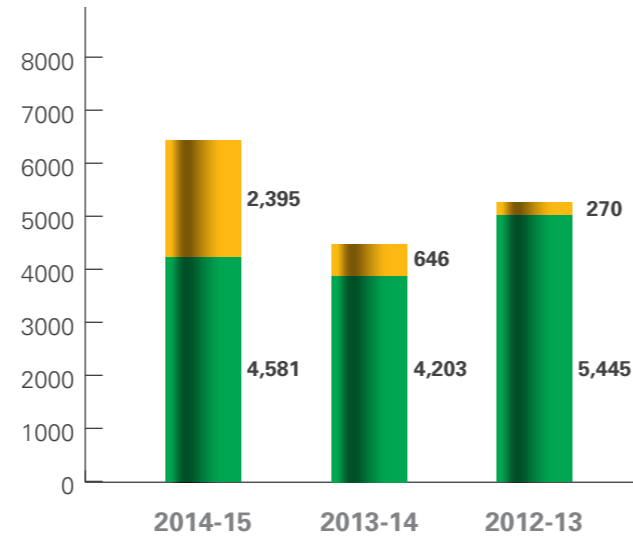


Energy

JSW SL Energy Consumption



JSW SCPL Energy Consumption

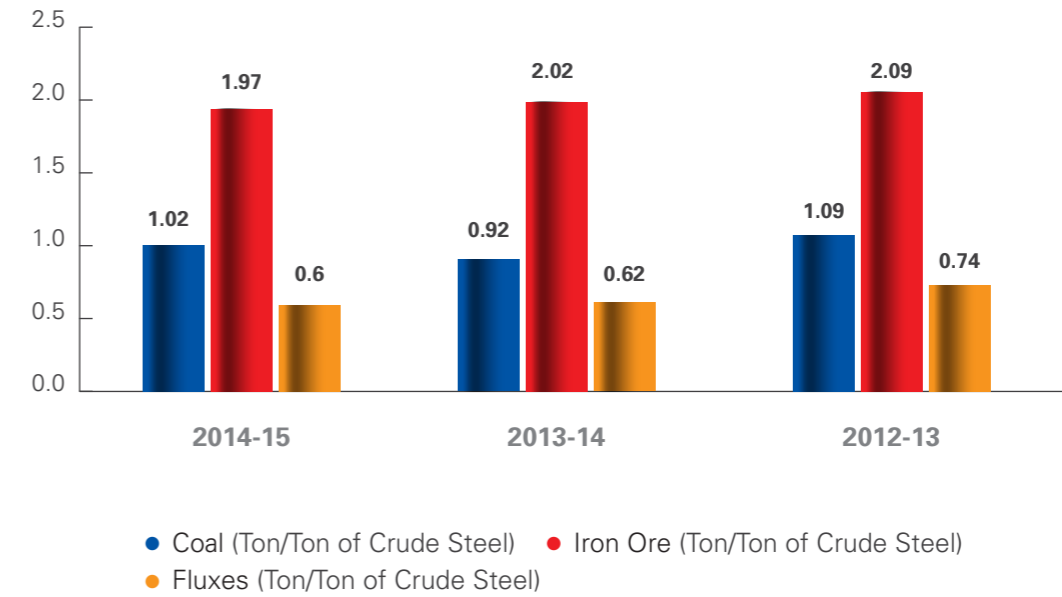


JSW SPCL & ARCL consume indirect energy **17,239 and 692,252 (000 GJ)**, respectively.

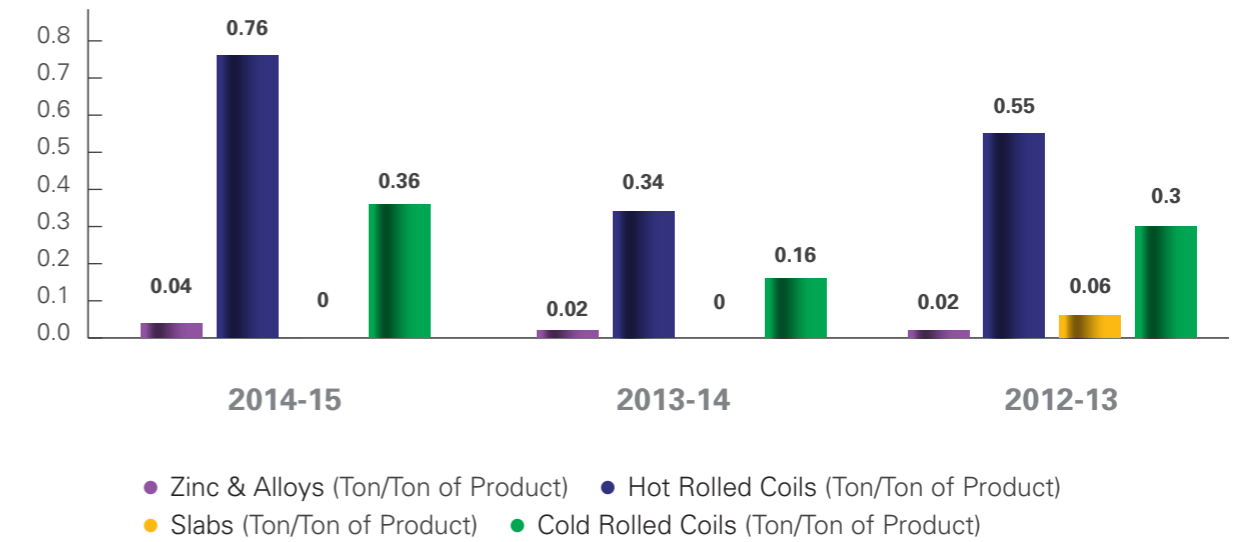
- Direct Energy Consumption (000 GJ)
- Indirect Energy Consumption (000 GJ)

Materials

JSW SL Specific Material Consumption



JSW SCPL Specific Material Consumption



Material Consumption for JSW SPCL & ARCL **4.42 and 1,461 tonnes**, respectively.